

Amendments to the Claims:

CLAIMS

1. (Currently amended) A percutaneous drainage catheter, comprising:

a tubular member 50 having a drainage lumen 52, the tubular member having a proximal end and a distal end and the drainage lumen extending from the proximal end to the distal end of the tubular member;

5 a retention member 56 formed around the tubular member 50 and adapted to move between a low-profile state facilitating insertion of the drainage catheter and a high-profile state facilitating retention of the drainage catheter in a body cavity; [[and]]

10 a connector hub 62 at the proximal end including a port 64 and an integral access lumen plug 66; and

a foam bolster 68 around the proximal end of the tubular member 50,

wherein the tubular member 50 and the retention member 56 operate to seal and tamponade an access tract in the body cavity, and

15 wherein the foam bolster 68 may be slightly compressed upon placement of the tubular member 50 to provide a spring force against the retention member 56 in the access tract and to help maintain consistent position of the tubular member 50.

2. (Original) The percutaneous drainage catheter of claim 1, wherein the retention member 56 is disposed at the distal end of the tubular member 50.

3. (Original) The percutaneous drainage catheter of claim 1, wherein the retention member 56 is a soft conforming balloon.

4. (Original) The percutaneous drainage catheter of claim 1, wherein the tubular member 50 and the retention member 56 in the low-profile state have a diameter of about 8 Fr – 10 Fr.

5. (Original) The percutaneous drainage catheter of claim 1, wherein the retention member 56 may be expanded to about 30 Fr in the high-profile state.

6. (Previously amended) The percutaneous drainage catheter of claim 1, wherein the drainage lumen 52 provides for drainage of urine, passage of a guidewire, and infusion of liquids.

7. (Canceled)

8. (Original) The percutaneous drainage catheter of claim 1, further comprising an inflation passage 58 to actuate the retention member 56 from the low-profile state to the high-profile state after placement of the distal end of the tubular member 50 in the body cavity.

9. (Original) The percutaneous drainage catheter of claim 8, wherein the inflation passage 58 maintains pressure in the retention member 56 for prolonged periods of time of up to several weeks.

10. (Canceled)

11. (Canceled)

12. (Original) The percutaneous drainage catheter of claim 1, wherein the tubular member 50 is configured for percutaneous nephrolithotomy.

13. (Original) The percutaneous drainage catheter of claim 1, wherein the tubular member 50 is configured for suprapubic drainage application.

14. (Original) The percutaneous drainage catheter of claim 1, further comprising a drainage portion 54 having at least one drainage port providing external access for bladder contents via the drainage lumen 52.

15. (Canceled)

16. (Canceled)

17. (Original) The percutaneous drainage catheter of claim 1, wherein the tubular member 50 comprises a soft, silicone material including a radiopaque material to enhance visualization of the catheter.

18. (Original) The percutaneous drainage catheter of claim 8, wherein the inflation passage 58 is connected to a pump or syringe to individually and independently inflate and deflate the retention member 56.

19. (Canceled)

20. (Previously amended) The percutaneous drainage catheter of claim 1, wherein the access lumen plug 66 provides easy draining of the body cavity.

21. (Previously amended) The percutaneous drainage catheter of claim 1, wherein the access lumen plug 66 is formed from a soft, silicone material including a radiopaque material.

22. (Previously amended) The percutaneous drainage catheter of claim 1, wherein the access lumen plug 66 operates like a snap-on plug.

23. (Original) The percutaneous drainage catheter of claim 1, wherein the drainage catheter is used in a veterinary application.

24. (Previously amended) The percutaneous drainage catheter of claim 23, wherein the body cavity in which the retention member 56 facilitates retention of the drainage catheter is the body cavity of an animal.

25. (Currently amended) A percutaneous drainage catheter, comprising:
a tubular member 50 having an access lumen 52 extending longitudinally
and a drainage portion 54 having at least one drainage port;

a retention member 56 formed around the tubular member 50 and
5 adapted to move between a low-profile state facilitating insertion of the
drainage catheter and a high-profile state facilitating retention of the drainage
catheter in a body cavity; [[and]]

a connector hub 62 at a proximal end of the tubular member 50 including
a port 64 and an integral access lumen plug 66; and

10 a foam bolster 68 around the proximal end of the tubular member 50,

wherein the tubular member 50 and the retention member 56 operate to
seal and tamponade an access tract in the body cavity, and

wherein the foam bolster 68 may be slightly compressed upon placement
of the tubular member 50 to provide a spring force against the retention
15 member 56 in the access tract and to help maintain consistent position of the
tubular member 50.

26. (Original) The percutaneous drainage catheter of claim 25, wherein
the retention member 56 is a soft conforming balloon.

27. (Previously amended) The percutaneous drainage catheter of claim
25, wherein the access lumen 52 provides for drainage of urine, passage of a
guidewire, and infusion of liquids.

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Previously amended) The percutaneous drainage catheter of claim 25, wherein the access lumen plug 66 provides easy draining of the body cavity.

32. (Previously amended) The percutaneous drainage catheter of claim 25, wherein the access lumen plug 66 operates like a snap-on plug.

33. (Original) The percutaneous drainage catheter of claim 25, wherein the drainage catheter is used in a veterinary application.

34. (Previously presented) The percutaneous drainage catheter of claim 12, wherein the tubular member 50 has a length between about 8 cm to about 12 cm.

35. (Previously presented) The percutaneous drainage catheter of claim 13, wherein the tubular member 50 has a length between about 4 cm to about 8 cm.

36. (Currently amended) The percutaneous drainage catheter of claim 1, wherein the access lumen plug ~~may be~~ being coupled to the tubular member by a tether.

37. (Previously presented) The percutaneous drainage catheter of claim 1, the access lumen plug including a protruding portion that may be pushed into the proximal end of the access lumen 52 to seal the access lumen.

38. (Currently amended) The percutaneous drainage catheter of claim 25, wherein the access lumen plug ~~may be~~ being coupled to the tubular member by a tether.

39. (Previously presented) The percutaneous drainage catheter of claim 25, the access lumen plug including a protruding portion that may be pushed into the proximal end of the access lumen 52 to seal the access lumen.

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Amendments to the Drawings:

FIG. 4A was amended to add a syringe (70) inserted into the inflation lumen (64) of the drainage catheter (40).

Attachment: Replacement Sheets